

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An adaptor being connectable to a mobile phone unit through a low power wireless system or a wired cable and connected to an IP-PBX (Internet Protocol - Private Branch eXchange) through an IP (Internet Protocol) network, comprising:

a telephone unit controller for managing resource data of the mobile phone unit; and
a VoIP (Voice over IP) extension section converting an input telephone number into a telephone number of a private IP telephone being corresponding to the input telephone number when the input telephone number is inputted into the mobile phone unit and calling the telephone number of a private IP telephone; and
means for linking a telephone directory of the mobile phone unit and a telephone directory of the IP-PBX.

2. (currently amended): An adaptor being connectable to a mobile phone unit through a low power wireless system or a wired cable and connected to an IP-PBX through an IP network, comprising:

a telephone unit controller determining whether or not the mobile phone unit has been connected to the adaptor when a call to a telephone number of a private IP telephone is received;
and

a VoIP extension section making the mobile phone unit operate as a private IP telephone unit if the mobile phone unit has been connected to the adaptor when a call to the telephone number of a private IP telephone is received; and

means for linking a telephone directory of the mobile phone unit and a telephone directory of the IP-PBX.

3. (original): The adaptor as set forth in claim 2,

wherein when the call is received to the telephone number of the private IP telephone unit, if the mobile phone unit is not connected to the adaptor, it is determined whether or not a telephone number to be forwarded has been designated, and when it has been designated, the call is forwarded to the designated telephone number.

4. (original): The adaptor as set forth in claim 3,

wherein when the call is received to the telephone number of the private IP telephone unit, if the mobile phone unit is not connected to the adaptor and a telephone number to be forwarded has not been designated, the call is forwarded to the telephone number of the mobile phone unit and a telephone call is performed with the mobile phone unit.

5-6. (canceled).

7. (original): The adaptor as set forth in claim 1, further comprising:

a QoS (Quality of Service) controller for performing control for minimizing loss of audio data due to communication congestion over the IP network.

8. (original): The adaptor as set forth in claim 2, further comprising:
a QoS (Quality of Service) controller for performing control for minimizing loss of audio data due to communication congestion over the IP network.

9. (original): The adaptor as set forth in claim 1, further comprising:
a charging circuit for charging a battery of the mobile phone unit.

10. (original): The adaptor as set forth in claim 2, further comprising:
a charging circuit for charging a battery of the mobile phone unit.